

REMARKS

As an initial matter, Applicant thanks the Examiner for conducting the telephonic interview on September 15, 2006.

Prior to the telephonic interview, the Examiner proposed the following amendments to Claim 1:

Claim 1 (proposed by the Examiner): A liquid crystal information display comprising

- a front panel of functional layers facing an observer,
- a rear panel of functional layers opposite the front panel, and
- a layer of liquid crystal material twisted by 240° between the front and rear panels of functional layers, wherein the layer of liquid crystal material has parameters providing at least one interference maximum or minimum of transmission or reflection for at least one linearly polarized component of incident beam of light at at least one wavelength reflected or transmitted at the exit of the front panel, the parameters being achieved at least in the state of the liquid crystal material with applied electric field, said parameters comprise optical thickness, ordinary refractive index, extraordinary refractive index, and the ratio of ordinary refractive index to extraordinary refractive index, wherein the optical thickness is in a range of from 1 μm to 10 μm.

Applicant proposed to amend Claim 1 as follows:

Claim 1 (proposed by Applicant): A liquid crystal information display comprising

- a front panel of functional layers facing an observer,
- a rear panel of functional layers opposite the front panel, and
- a layer of liquid crystal material twisted between the front and rear panels of functional layers, wherein the layer of liquid crystal material has parameters providing at least one interference maximum or minimum of transmission or reflection for at least one linearly polarized component of incident beam of light at at least one wavelength reflected or transmitted at the exit of the front panel, the parameters being achieved at

least in the state of the liquid crystal material with applied electric field, said parameters comprise thickness, refractive indexes, wherein the thickness is in a range of from 1 μm to 10 μm .

An agreement as to the claims was not reached during the telephonic interview.

In the outstanding non-final Office Action, the Examiner rejected Claims 1-5, 18-21, 34-36, 49-51 under 35 U.S.C. § 112, first paragraph, as being allegedly lacking enablement. Applicant respectfully traverses the rejection in light the amendments to the claims as indicated in the "Listing of the Claims."

As amended, Claim 1 includes all the limitations proposed by the Examiner prior to the telephonic interview. Further, Claim 1, as amended, is fully supported by the Specification. The Specification provides sufficient disclosure that enables one of ordinary skilled in the art to make and use the invention without undue experiment.

For example, in the second and third paragraphs on page 5, the Specification clearly provides the parameters recited in Claim 1, including the twist angle, the thickness, refractive indexes of the liquid crystal material. One of ordinary skilled in the art can make and use the invention recited in Claim 1 according to the disclosure in the Specification without undue experimentation. Therefore, Applicant respectfully request reconsideration of the rejections under 35 U.S.C. 112, first paragraph.

Based on the foregoing, Applicants respectfully submit that the claims of the present application are in condition for allowance. An early indication of the same is therefore respectfully requested. If any matters can be resolved by telephone, the Examiner is invited to call the undersigned attorney at the telephone number listed

below. The Commissioner is authorized to charge any additional required fees, or credit any overpayment, to Dorsey & Whitney LLP Deposit Account No. 50-2319 (Order No. A-71153/MSS/TJH (463031-8)).

Date: March 10, 2006

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Tianjun Hou', is written over a horizontal line.

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